



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

Miami Wall Systems, Inc.  
701 West 25<sup>th</sup> Street  
Hialeah, FL 33010

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

### DESCRIPTION: Series "106" Aluminum Horizontal Rolling Window – S.M.I.

**APPROVAL DOCUMENT:** Drawing No. NOA 106 SM, titled "Horiz Rolling Window Series 106", sheets 1 through 8 of 8, dated 03/04/13, with revision #2 dated 06/18/15, prepared by manufacturer, signed and sealed by Jorge E. Valdes, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: Small Missile Impact Resistant

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises and renews NOA# 12-1231.04 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.



*Manuel Perez*  
9/17/15

NOA No. 14-1112.02  
Expiration Date: February 03, 2020  
Approval Date: September 24, 2015  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

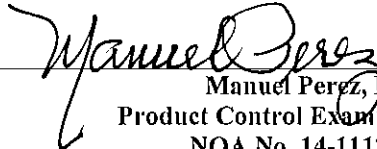
1. Manufacturer's die drawings and sections.  
*(Submitted under NOA #04-1215.03)*
2. Drawing No **NOA 106 SM**, titled "Horiz Rolling Window Series 106", sheets 1 through 8 of 8, dated 03/04/13, with revision #2 dated 06/18/15, prepared by manufacturer, signed and sealed by Jorge E. Valdes, P.E.

**B. TESTS**

1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Small Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Forced Entry Test, per FBC 2411 3.2.1 (b) and TAS 202-94  
along with marked-up drawings and installation diagram of an aluminum horizontal sliding window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-7239**, dated 02/26/13, and addendum letter dated 03/21/13, all signed and sealed by Marlin D. Brinson, P.E.  
*(Submitted under previous NOA #12-1231.04)*
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Small Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Forced Entry Test, per FBC 2411 3.2.1 (b) and TAS 202-94  
along with marked-up drawings and installation diagram of an aluminum horizontal sliding window, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-4386** and **FTL-4358**, dated 11/12/04, signed and sealed by Edmundo Largaespada, P.E.  
*(Submitted under NOA #04-1215.03)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2010, dated 03/08/13, prepared by manufacturer, signed and sealed by Jorge E. Valdes, P.E.  
*(Submitted under previous NOA #12-1231.04)*
2. Glazing complies with **ASTM E1300-04**

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 14-1112.02  
Expiration Date: February 03, 2020  
Approval Date: September 24, 2015

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

**E. MATERIAL CERTIFICATIONS**

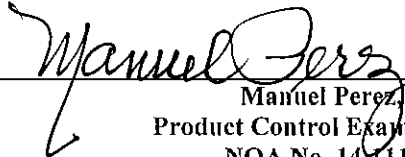
1. Notice of Acceptance No. **14-0916.10** issued to **Kuraray America, Inc.** for their "**Butacite® PVB Glass Interlayer**" dated 04/25/15, expiring on 12/11/16.
2. Notice of Acceptance No. **14-0423.17** issued to **Eastman Chemical Company (MA)** for their "**Saflex Clear and Color Glass Interlayers**" dated 06/19/14, expiring on 05/21/16.

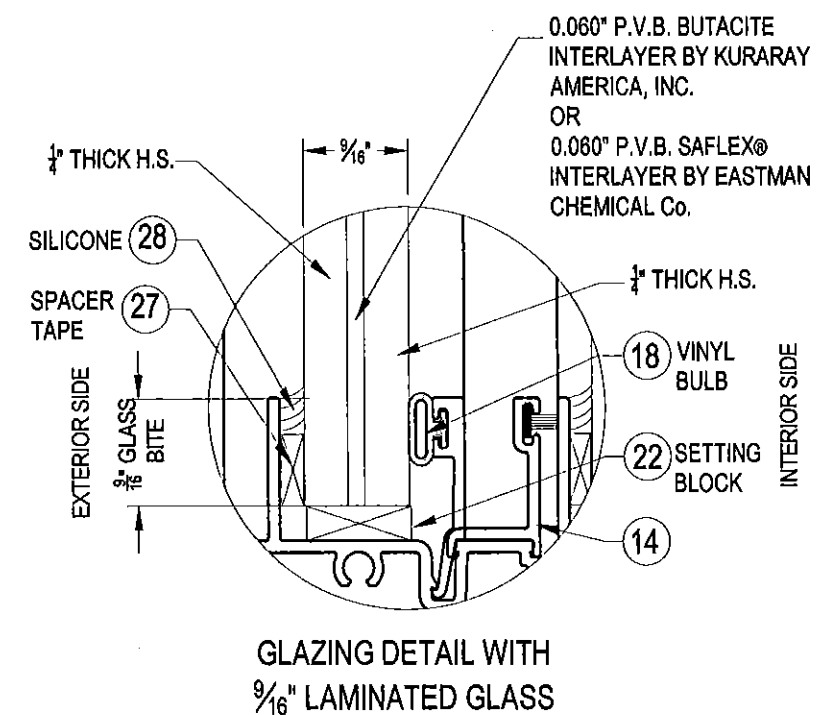
**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC-5<sup>th</sup> Edition (2014)**, ), and of no financial interest, dated June 18, 2015, issued, signed and sealed by Jorge E. Valdes, P.E.
2. Laboratory compliance letters for Test Reports No. **FTL-4358** and **FTL-4386**, both issued by Fenestration Testing Laboratory, Inc., dated 11/12/04, signed and sealed by Edmundo J. Largaespada, P.E.  
*(Submitted under NOA No. 04-1215.03)*

**G. OTHERS**

1. Notice of Acceptance No. **12-1231.04**, issued to Miami Wall Systems, Inc. for their Series "106" Aluminum Horizontal Sliding Window – S. M. I., approved on 03/19/15 and expiring on 02/03/15.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 14-1112.02  
Expiration Date: February 03, 2020  
Approval Date: September 24, 2015



Phone:(305) 888-2300 Fax:(305) 888-3058

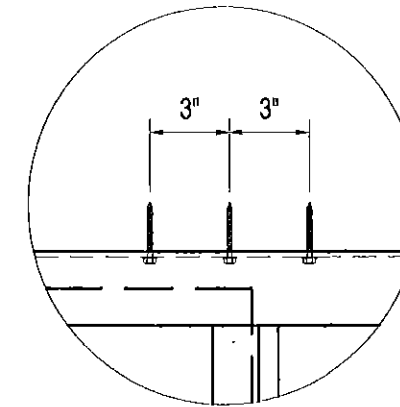
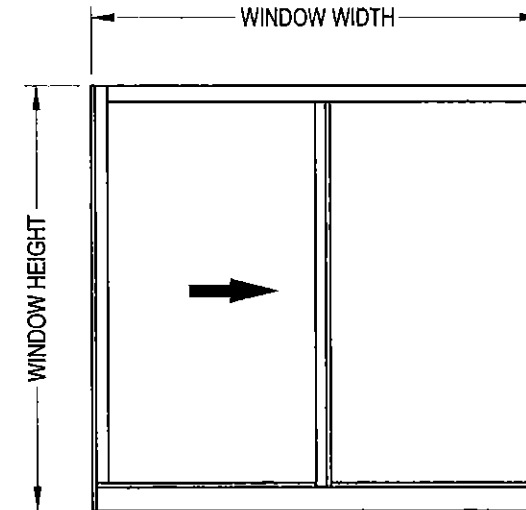


**HORIZ ROLLING WINDOW SERIES 106**

**ELEVATIONS**  
**GENERAL NOTES**



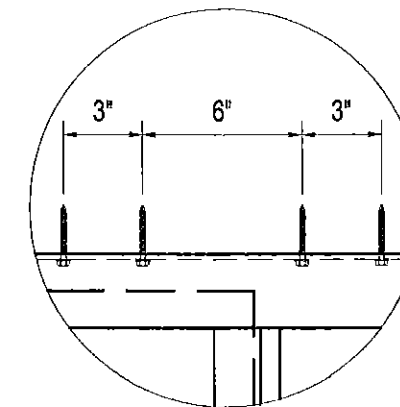
| WINDOW DIMENSIONS (INCHES) |        | ALLOWABLE LOAD CAPACITY (p.s.f.)               |     |       |     |       |       |     |     |      |      |        |        |      |        |      |        |
|----------------------------|--------|--|-----|-------|-----|-------|-------|-----|-----|------|------|--------|--------|------|--------|------|--------|
| WIDTH                      | HEIGHT | CLUSTER OF FASTENERS AT INTERLOCK (TOP & BOT.) |     |       |     |       |       |     |     |      |      |        |        |      |        |      |        |
|                            |        | A3   |     | B3    |     | C3    |       | D3  |     | A4   |      | B4     |        | C4   |        | D4   |        |
| 66                         | 54     | +90  | -90 | +90   | -90 | +90   | -90   | +90 | -90 | +110 | -130 | +110   | -130   | +110 | -130   | +110 | -130   |
| 72                         |        | +90  | -90 | +90   | -90 | +90   | -90   | +90 | -90 | +110 | -130 | +110   | -130   | +110 | -130   | +110 | -130   |
| 78                         |        | -  | -   | -     | -   | -     | -     | -   | -   | +110 | -130 | +110   | -130   | +110 | -130   | +110 | -130   |
| 84                         |        | -  | -   | -     | -   | -     | -     | -   | -   | +110 | -130 | +110   | -130   | +110 | -130   | +110 | -130   |
| 90                         |        | -  | -   | -     | -   | -     | -     | -   | -   | +110 | -130 | +110   | -130   | +110 | -130   | +110 | -130   |
| 96                         |        | -  | -   | -     | -   | -     | -     | -   | -   | +110 | -130 | +110   | -130   | +110 | -130   | +110 | -130   |
| 66                         | 60     | +90  | -90 | +90   | -90 | +90   | -90   | +90 | -90 | +110 | -130 | +110   | -130   | +110 | -130   | +110 | -130   |
| 72                         |        | +90  | -90 | +90   | -90 | +90   | -90   | +90 | -90 | +110 | -130 | +110   | -130   | +110 | -125.7 | +110 | -130   |
| 78                         |        | -  | -   | -     | -   | -     | -     | -   | -   | +110 | -130 | +110   | -130   | +110 | -120.3 | +110 | -130   |
| 84                         |        | -  | -   | -     | -   | -     | -     | -   | -   | +110 | -130 | +110   | -130   | +110 | -116   | +110 | -130   |
| 90                         |        | -  | -   | -     | -   | -     | -     | -   | -   | +110 | -130 | +110   | -129   | +110 | -112.6 | +110 | -130   |
| 96                         |        | -  | -   | -     | -   | -     | -     | -   | -   | +110 | -130 | +110   | -126   | +110 | -110   | +110 | -130   |
| 66                         | 66     | +90  | -90 | +90   | -90 | +87.3 | -87.3 | +90 | -90 | +110 | -130 | +110   | -130   | +110 | -116.4 | +110 | -130   |
| 72                         |        | +90  | -90 | +90   | -90 | +82.5 | -82.5 | +90 | -90 | +110 | -130 | +110   | -126   | +110 | -130   | +110 | -130   |
| 78                         |        | -  | -   | -     | -   | -     | -     | -   | -   | +110 | -130 | +110   | -120.1 | +110 | -130   | +110 | -130   |
| 84                         |        | -  | -   | -     | -   | -     | -     | -   | -   | +110 | -130 | +110   | -115.2 | +110 | -130   | +110 | -130   |
| 90                         |        | -  | -   | -     | -   | -     | -     | -   | -   | +110 | -130 | +110   | -111.2 | +110 | -130   | +110 | -130   |
| 96                         |        | -  | -   | -     | -   | -     | -     | -   | -   | +110 | -130 | +108   | -108   | +110 | -130   | +110 | -129.1 |
| 66                         | 72     | +90  | -90 | +89.2 | -90 | +77.8 | -77.8 | +90 | -90 | +110 | -130 | +110   | -118.9 | +110 | -130   | +110 | -130   |
| 72                         |        | +90  | -90 | +84   | -90 | +73.3 | -73.3 | +90 | -90 | +110 | -130 | +110   | -112   | +110 | -130   | +110 | -130   |
| 78                         |        | -  | -   | -     | -   | -     | -     | -   | -   | +110 | -130 | +106.3 | -106.3 | +110 | -130   | +110 | -127.2 |
| 84                         |        | -  | -   | -     | -   | -     | -     | -   | -   | +110 | -130 | +101.6 | -101.6 | +110 | -130   | +110 | -121.5 |
| 90                         |        | -  | -   | -     | -   | -     | -     | -   | -   | +110 | -130 | +97.7  | -97.7  | +110 | -130   | +110 | -116.9 |
| 96                         |        | -  | -   | -     | -   | -     | -     | -   | -   | +110 | -130 | +94.5  | -94.5  | +110 | -130   | +110 | -113   |



CLUSTER OF 3 FASTENERS  
AT INTERLOCK DETAIL.  
TYP AT HEAD & SILL.

ANCHOR TYPES: SEE SHEET 4 & 5 FOR DESCRIPTION. BALANCE  
ANCHOR SPACED AS DEPICTED IN CHARTS ON SHEET 4 & 5.

A3 - (3) FASTENERS TYPE A  
B3 - (3) FASTENERS TYPE B  
C3 - (3) FASTENERS TYPE C  
D3 - (3) FASTENERS TYPE B  
A4 - (4) FASTENERS TYPE A  
B4 - (4) FASTENERS TYPE B  
C4 - (4) FASTENERS TYPE C  
D4 - (4) FASTENERS TYPE D



CLUSTER OF 4 FASTENERS  
AT INTERLOCK DETAIL.  
TYP AT HEAD & SILL.

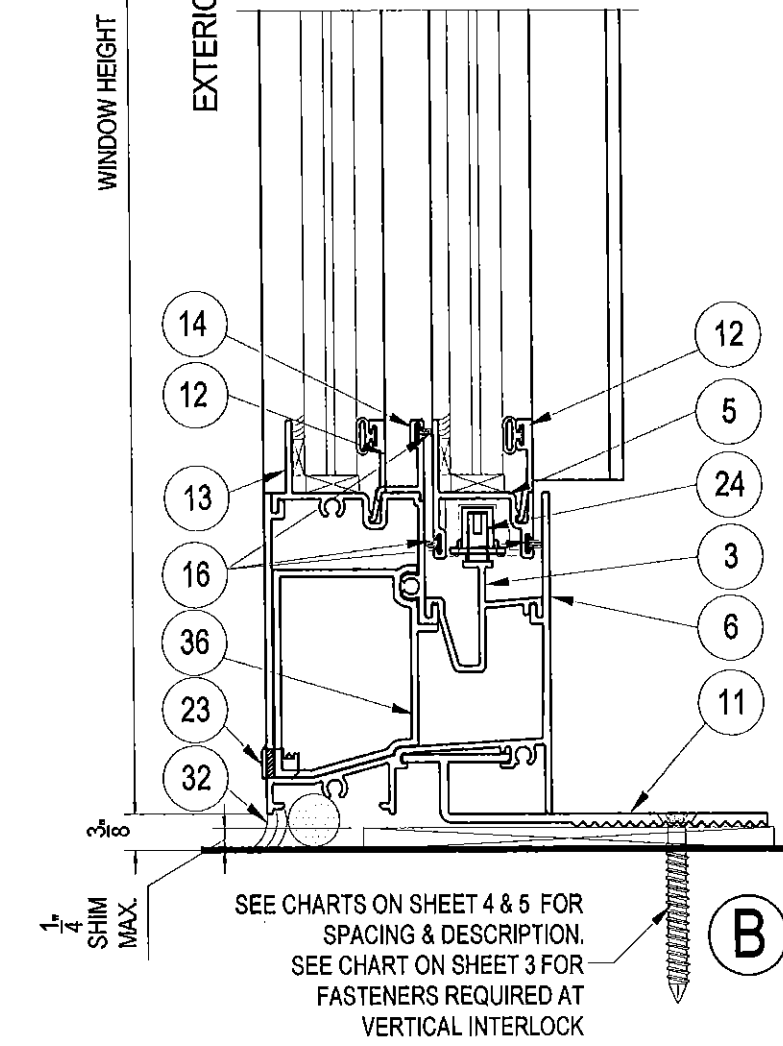
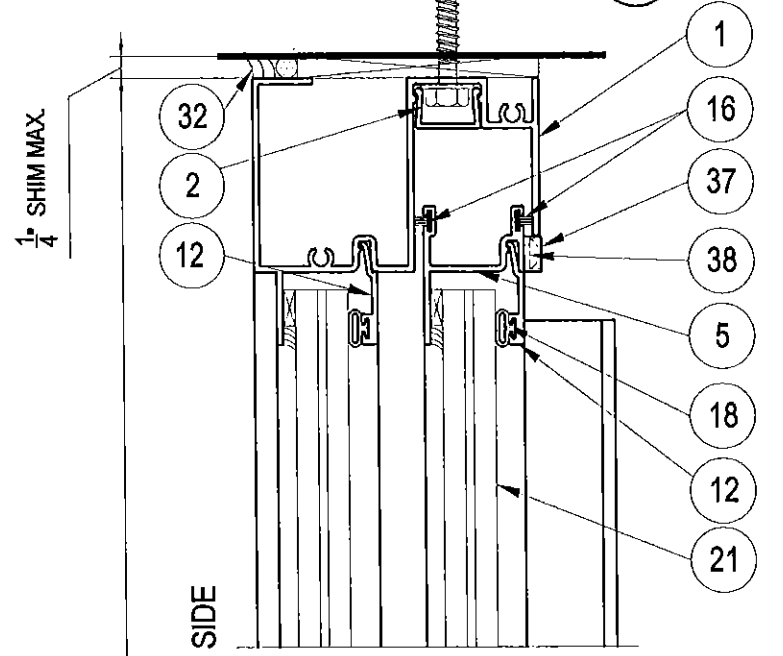
|   |         |   |                       |
|---|---------|---|-----------------------|
| PRODUCT REVISED<br>as complying with the Florida<br>Building Code<br>Acceptance No. 14-1112.02<br>Expiration Date Feb 3, 2020<br>By <i>Manuel Serrano</i><br>Miami Dade Product Control |         | Jorge E. Valdes<br>Fla. PE# 67398<br>C.A. M. VALDES<br>LICENSE<br>No. 67398<br>JUN 18 2015<br>STATE OF FLORIDA<br>PROFESSIONAL ENGINEER |                       |
| NO.   | DATE    | REVISION  | COMMENTS              |
| 1   | 3/24/13 | PER BCCO  | UPDATE TO FBC 5th Ed. |
| 2   | 5/18/15 | (2014)  |                       |
| DATE: 3/4/2013  |         | SCALE: AS NOTED   |                       |
| DWG. BY: A.A.G.   |         | CHK. BY: JV   |                       |
| DWG NO.: NOA 106 SM   |         | SHEET 3 OF 8  |                       |

**Miami Wall Systems, Inc.**  
 701 West 25th Street  
 Hialeah, Florida 33010  
 Phone: (305) 888-2300 Fax: (305) 888-3058

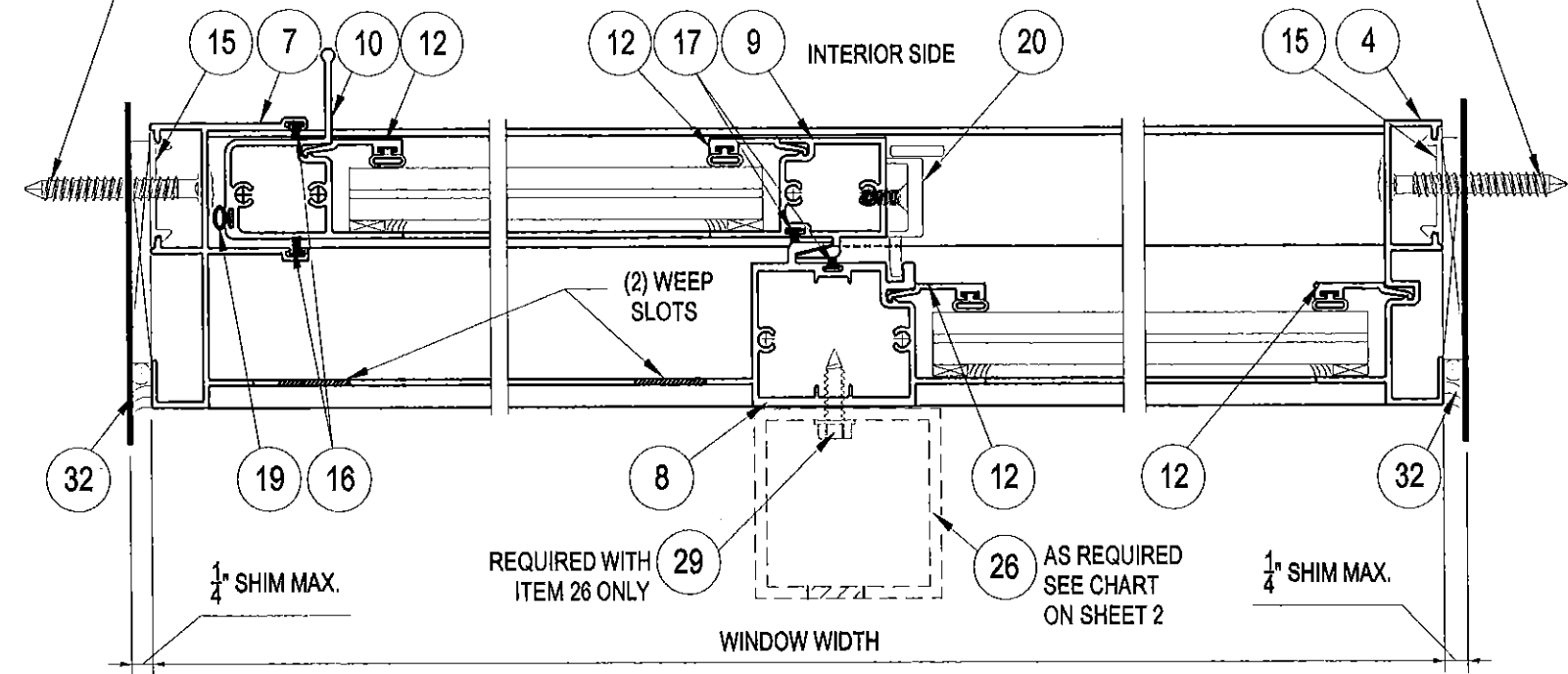


HORIZ ROLLING WINDOW SERIES 106  
**LOAD CHART &  
 ANCHOR DETAILS**

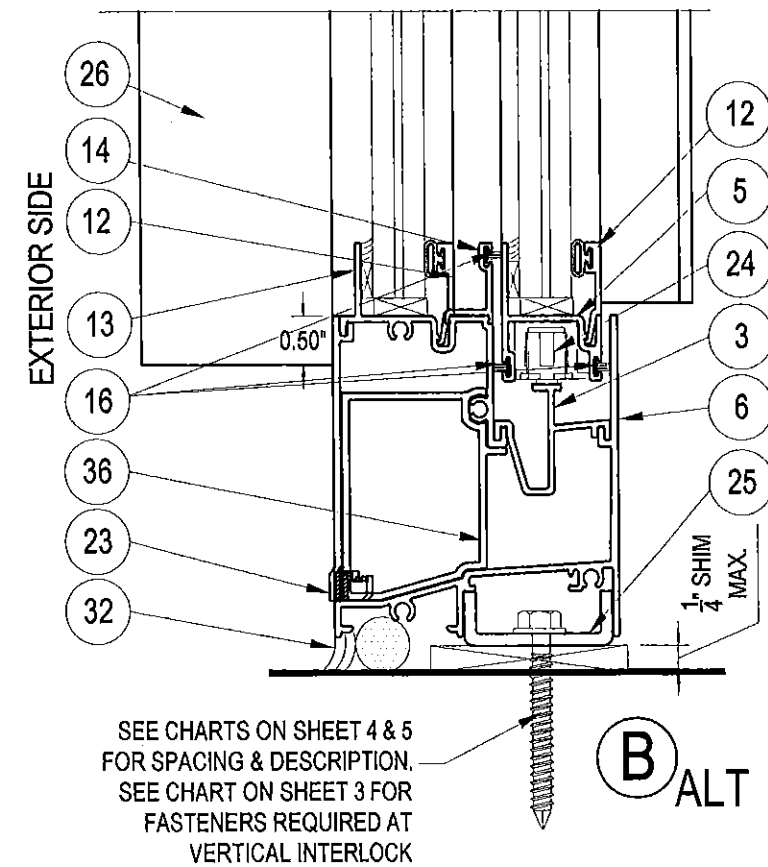
SEE CHARTS ON SHEET 4 & 5  
FOR SPACING & DESCRIPTION.  
SEE CHART ON SHEET 3 FOR  
FASTENERS REQUIRED AT  
VERTICAL INTERLOCK



TYPICAL ANCHOR . SEE  
SCHEDULE ON SHEET 4  
& 5 FOR DESCRIPTION



TYPICAL ANCHOR . SEE  
SCHEDULE ON SHEET 4  
& 5 FOR DESCRIPTION



PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 14-1112.02  
Expiration Date Feb 3, 2020  
By *Manuel Perez*  
Miami Trade Product Control

Jorge E. Valdes  
FLORIDA PROFESSIONAL ENGINEER  
No. 67398  
JUN 10 2015  
STATE OF FLORIDA

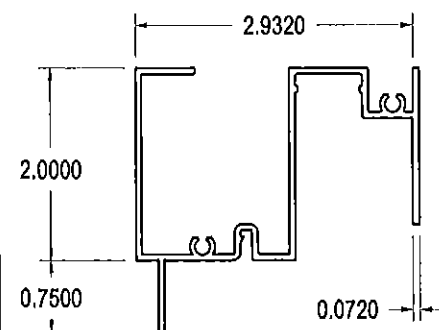
**Miami Wall Systems, Inc.**  
701 West 25th Street  
Hialeah, Florida 33010  
Phone: (305) 888-2300 Fax: (305) 888-3058

HORIZ ROLLING WINDOW SERIES 106

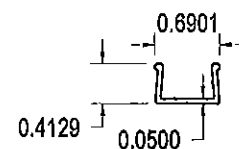
CROSS SECTIONS

| NO. | DATE    | REVISION | PER BCCO COMMENTS     |
|-----|---------|----------|-----------------------|
| 1   | 5/24/13 |          | UPDATE TO FBC 5th Ed. |
| 2   | 6/18/15 |          | (2014)                |
|     |         |          |                       |
|     |         |          |                       |
|     |         |          |                       |

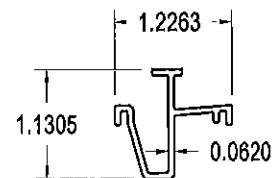
DATE: 3/4/2013  
SCALE: AS NOTED  
DWG. BY: A.A.G.  
CHK. BY: JV  
DWG NO.: NOA 106 SM  
SHEET 6 OF 8



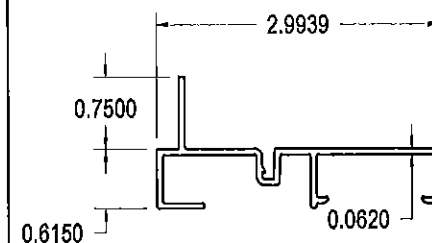
1 EQUAL LEG FRAME HEAD  
DIE # 106-025  
MATERIAL: ALUMINUM  
ALLOY: 6063-T5  
TYPICAL WALL: .062"



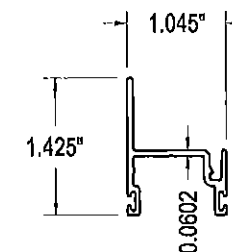
2 FASTENER COVER  
DIE # 2050-003  
MATERIAL: ALUMINUM  
ALLOY: 6063-T5  
TYPICAL WALL: .062"



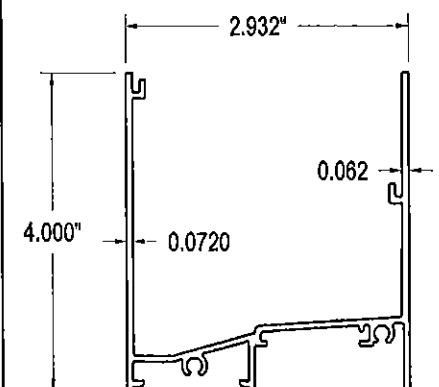
3 SILL TRACK  
DIE # 106-032  
MATERIAL: ALUMINUM  
ALLOY: 6063-T5  
TYPICAL WALL: .062"



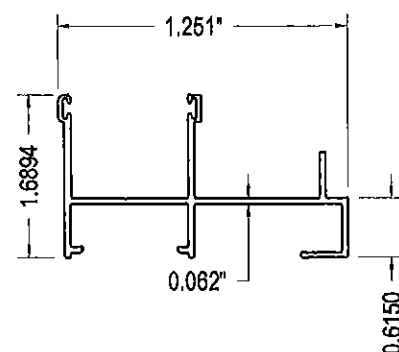
4 FIXED FRAME JAMB  
DIE # 106-026  
MATERIAL: ALUMINUM  
ALLOY: 6063-T5  
TYPICAL WALL: .062"



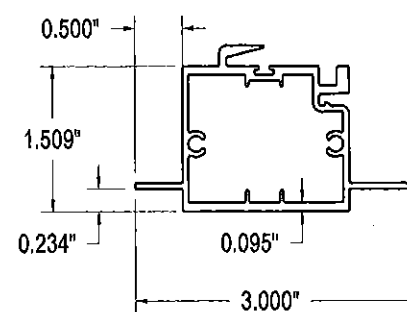
5 VENT HEAD & SILL  
DIE # 104-002  
MATERIAL: ALUMINUM  
ALLOY: 6063-T5  
TYPICAL WALL: .062"



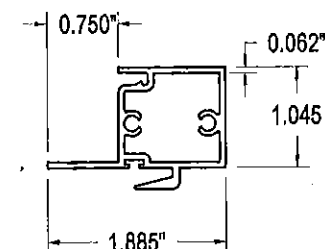
6 FRAME SILL  
DIE # 106-023  
MATERIAL: ALUMINUM  
ALLOY: 6063-T6  
TYPICAL WALL: .062"



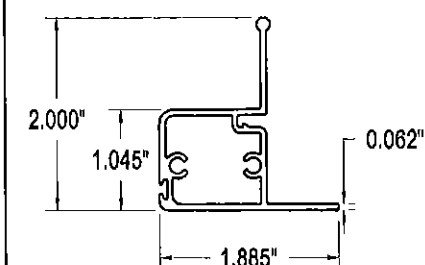
7 LOCK FRAME JAMB  
DIE # 106-027  
MATERIAL: ALUMINUM  
ALLOY: 6063-T5  
TYPICAL WALL: .062"



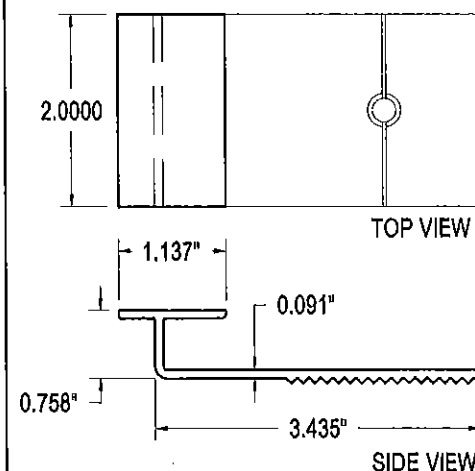
8 FIXED MEETING RAIL  
DIE # 106-015  
MATERIAL: ALUMINUM  
ALLOY: 6063-T5  
TYPICAL WALL: .062"



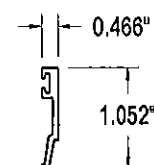
9 MOVING MEETING RAIL  
DIE # 104-007  
MATERIAL: ALUMINUM  
ALLOY: 6063-T5  
TYPICAL WALL: .062"



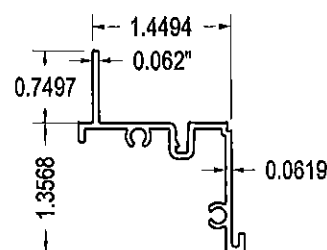
10 VENT PULL STILE  
DIE # 106-017  
MATERIAL: ALUMINUM  
ALLOY: 6063-T5  
TYPICAL WALL: .062"



11 SILL ANCHOR  
DIE # 106-018  
MATERIAL: ALUMINUM  
ALLOY: 6063-T5  
TYPICAL WALL: .091"


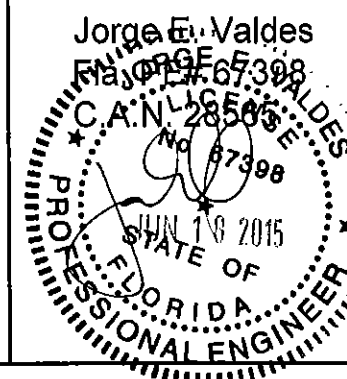


12 GLAZING BEAD FOR  
9/16" GLASS  
DIE # 104-019  
MATERIAL: ALUMINUM  
ALLOY: 6063-T5  
TYPICAL WALL: .062"



13 FRAME SILL ADAPTOR  
DIE # 106-028  
MATERIAL: ALUMINUM  
ALLOY: 6063-T5  
TYPICAL WALL: .062"

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 14-1112.02  
Expiration Date Feb. 3, 2020  
By Manuel Perez  
Miami Dade Product Control



**Miami Wall Systems, Inc.**  
 701 West 25th Street  
 Hialeah, Florida. 33010  
 Phone: (305) 888-2300 Fax: (305) 888-3058

**EXTRUSIONS**

| NO. | DATE    | REVISION                     |
|-----|---------|------------------------------|
| 1   | 3/24/13 | PER BCCO COMMENTS            |
| 2   | 6/18/15 | UPDATE TO FBC 5th Ed. (2014) |
|     |         |                              |
|     |         |                              |
|     |         |                              |
|     |         |                              |

DATE: 3/4/2013

SCALE: AS NOTED

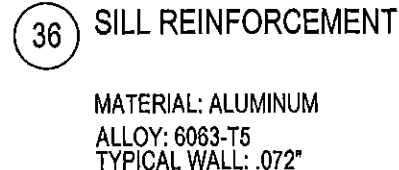
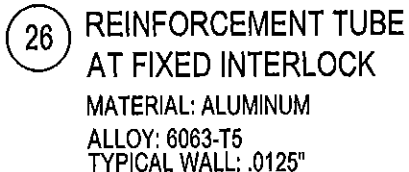
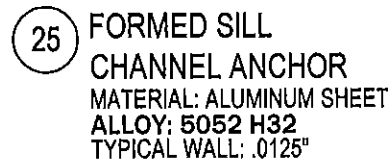
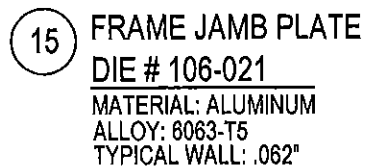
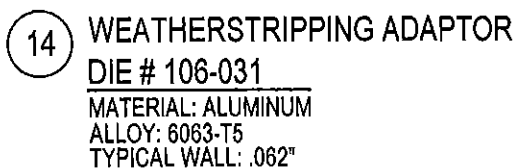
DWG. BY: A.A.G.

CHK. BY: JV

DWG NO.: NOA 106 SM

SHEET 7 OF 8





PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 14-1112.02  
Expiration Date Feb. 3, 2020  
By Manuel Perez  
Miami Dade Product Control

701 West 25th Street  
Hialeah, Florida. 33010

Phone: (305) 888-2300 Fax: (305) 888-3058

**HORIZ ROLLING WINDOW SERIES 106**

## BILL OF MATERIALS & EXTRUSIONS

| NO. | DATE    | REVISION                     |
|-----|---------|------------------------------|
| 1   | 3/24/13 | PER BCCO COMMENTS            |
| 2   | 6/18/15 | UPDATE TO FBC 5th Ed. (2014) |
|     |         |                              |
|     |         |                              |
|     |         |                              |

DATE: 3/4/2013

SCALE: AS NOTED

DWG. BY: A.A.G.

CHK. BY: JV

DWG NO.: NOA 106 SM

SHEET 8 OF 8